

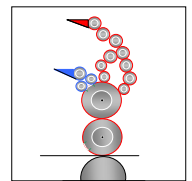
BöttcherTop 5600

Newspaper blanket

One specific version for every press configuration (4-high, Y-units, 9-cylinder satellites, 10-cylinder satellites, etc.)

- Presses
- Packing height
- Substrates
- Inks
- Wash-up solvents

- Newspaper webs
- Conform to OEM recommendations
- Newsprint
- Conventional and vegetable oil-based
- Conventional, low VOC, VOC-free



Application

Features

- Highly saturated fabrics
- Hydrophilic and micro-ground printing surface, controlled roughness 1.5 – 1.8 µm
- High compressibility resulting from 3-ply construction and a high content of closed cells
- High stability carcass manufactured from prestretched and multi-calendered fabrics
- Fabrics carefully selected to work together

Benefits

- ⊕ Reduced water/solvent penetration, even when running half webs
- ⊕ Crisp halftones, full dots, dense and well-spread solids
- ⊕ Reduced ink and paper dust piling resulting from optimum water distribution
- ⊕ Minimum plate abrasion/wear (also when CTP-plates are used)
- ⊕ Neutral web feed properties (True-Rolling)
- ⊕ Excellent resistance to excess-pressure (wrap-arounds, web changes, etc.)
- ⊕ Low tendency for heat-build up (great stability of the ink/water balance, no surface delamination)
- ⊕ Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear
- ⊕ Minimum residual elongation, controlled gauge loss
- ⊕ Blankets and plates stay longer clean
- ⊕ Consistent web feed
- ⊕ Nor grapping (paper creasing)
- ⊕ Reduced water/solvent penetration, even when running half webs



Features and Benefits

Construction

- ⊕ Fabric Plies 3
- ⊕ Compressible layer Closed Cells
- ⊕ Identification lines 2 x blue

Surface

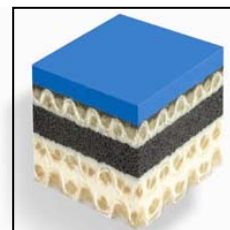
- ⊕ Colour Blue
- ⊕ Finish Ground and polished
- ⊕ Roughness (Ra) 1.5 – 1.8 μm
- ⊕ Micro-hardness 53° Shore A

Physical Properties

- ⊕ Overall hardness 78° Shore A
- ⊕ Tensile strength > 3550N/50 mm
- ⊕ Elongation at 500N/50 mm < 2 %
- ⊕ Gauge loss at tensioning and running in < 2%
- ⊕ Indentation at 100N/cm² 0.15 mm (7.7 %)
- ⊕ Indentation at 200N/cm² 0.25 mm (12.8 %)

Gauge

- ⊕ Nominal Gauge 1.96 mm (+/- 0.02 mm)
- ⊕ Gauge uniformity per blanket of max. 1 m² +/- 0.015 mm



Technical Data

All our product information's you will find in the internet on www.boettcher-systems.com. On our homepage you will also experience why Felix Böttcher is one of the **leading system-suppliers of printing rollers, printing chemistry, printing blankets and coating plates.**

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The purpose of these technical data is to assist our customers. We list general experience and laboratory test. Translation of these to actual applications is, however, subject to a variety of factors which are beyond our control. We ask for your understanding that claims can't be based upon them.